8100041

THE UNITED STRATES OF AMIERRICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Ferry-Morse Seed Company

Takereas, there has been presented to the

Secretary of Agriculture

An application requesting a certificate of protection for an alleged novel variety of sexually reproduced plant, the name and description of which are contained in the application and exhibits, a copy of which is hereunto annexed and made a part hereof, and the various requirements of LAW in such cases made and provided have been complied with, and the title thereto is, from the records of the Plant Variety Protection Office, in the applicant(s) indicated in the said copy, and WHEREAS, upon due examination made, the said applicant(s) is (are) adjudged to be entitled to a certificate of plant variety protection under the LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen years from the date of this grant, subject to the payment of the required fees and periodic replenishment of viable basic ed of the variety in a public repository as provided by LAW, the right to expect others from selling the variety, or offering it for sale, or reproducing it, it, or exporting it, or using it in producing a hybrid or different ty therefrom, to the extent provided by the Plant Variety Protection Act 1542, as amended, 7 u.s.c. 2321 et seq.)

BEAN

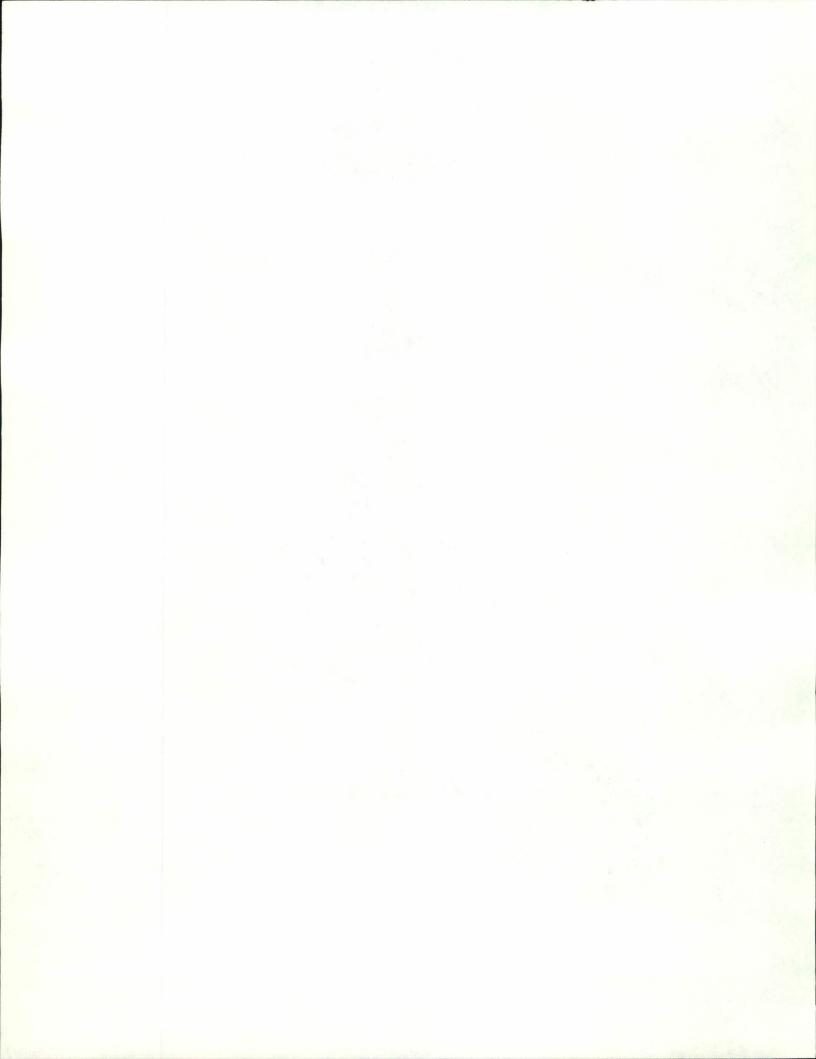
'Tenderlake!

In Eastimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this 30th day of December in the year of our Lord one thousand nine hundred and eighty-two

John R Black

Secretary of Agriculture





VARIETY: Tenderlake (formerly E6207 (formerly 1D-15B(C)Ms(W)Ms(C)Ms (formerly 1C-X590MsMs(W)V(C)5(W)Ms#2(C)C)))

Exhibit A: Origin and Breeding History of the Variety

Tenderlake originated through the pedigree method of breeding as a F9 single plant selection from the 1C-X590 cross of 2 pedigreed lines. The seed parent, 1C-X81Ms#2(W)E(GH)Ms(C)A, is a sister selection from the same cross that gave rise to Tidal Wave. The pollen parent 1C-X42Ms(W)B(GH)Ms(C)B, was the progenitor line of the variety Blue Crop. The cross was made in the greenhouse at San Juan Bautista, California, in the fall of 1968. The F13 bulkmass of seed was designated the stock seed for Tenderlake in the spring of 1980.

 F_1 seed of 1C-X590 was planted in the California greenhouse in the spring of 1969 and the harvested F_2 seed, 1C-X590Ms, was planted in the field in California that summer. The row was noted to have a good plant habit but with plants somewhat short; besides selecting six single F_2 plants, remainder of the seed from the row was bulk-massed.

The F3 bulk-massed seed, 1C-X590MsMs, was planted in Wisconsin in the summer of 1970. A medium dark pod color was noted generally for the progeny; 88 single plant F3 selections were taken from the row.

The F4 progeny rows were planted in California the summer of 1971. The 19th row, 1C-X590MsMs(W)V, was noted to have a medium small leaf and be early maturing; 5 F4 single plants were selected from this row.

The F_5 progeny rows were planted in Wisconsin in the summer of 1972. The fifth selection, 1C-X590MsMs(W)V(C)5, stood out for a very good concentration of maturity and the pods were smooth, round, well-filled, slow seed development, and free of interlocular cavitation. Thirteen F_5 selections were made in this row.

Seed of four of the 13 F₅ selections (3,5,9,13) were massed together and this F₆ seed was designated $\frac{1C-X590MsMs(W)V(C)5(W)Ms\#2}{10}$ and planted in California in the summer of 1973. The row was noted for its high yield and three F₆ selections were made.

The F7 progeny rows were planted in Wisconsin in the summer of 1974. The third row, $\frac{1C-X590MsMs(W)V(C)5(W)Ms\#2(C)C}{1}$, was outstanding; the plants were upright, the yield of pods heavy, and the pods were full. Three F7 selections were made and the F8 bulk-mass seed from the row was designated $\frac{1D-15}{1}$.

The three F8 progeny rows were planted in the field in Wisconsin in the summer of 1975. The second row, <u>1D-15B</u>, was noted as having very good concentration of maturity and a very heavy yield; the F9 seed was bulk-massed from this row.

VALLETY: Tenderlake (formerly E6207 (formerly 1D-15B(C)Ms(W)Ms(C)Ms (C)Ms (C)M

Exhibit A: Origin and Breeding History of the Variety

Tenderlake originated through the pedigree method of breeding and a Fg single plant selection from the IC-X590 cross of 2 pedigree lines. The seed parent, IC-X81Ms#2(W)E(GH)Ms(C)A, is a sister selection from the same cross that gave rise to Tidal W vo. The pollen parent IC-X42Ms(W)B(CH)Ms(C)3, was the progenitor line of the variety Blue Crop. The cross was made in the greenhouse at San Juan Baurista, California, in the fall of 1968. The Fly bulk-mass of seed was designated the stock seed for Tenderlake in the spring of 1980.

Firsed of 10-x590 was planted in the California greenhouse in the spring of 1969 and the bervested Fo seed, 10-X590ms, was planted in the field in California that summer. The row was noted to have a good plant habit but with plants somewhat short; besides selecting six single F2 plants, remainder of the seed from the row was bulkmassed.

The F3 bulk-massed seed, IC-X590MsMs, was planted in Wisconsin in the summer of 1970. A madium dark pod color was noted generally for the progeny; 88 single plant F3 selections were taken from the row.

The F, progeny rows were planted in California the summer of 1071. The 19th row, 1C-X590Ms Ms (W) V, was noted to have a medium small leaf and be early maturing; 5 E, single plants were selected from this row.

The Ps progeny rows were planted in Wisconsin in the summer of 10 the fifth selection, 1C-X590MsMs(W)V(C)5, stood out for a very pend concentration of maturity and the peds were smooth, round, well-filled slow seed development, and free of interlocular cavitation. Thirtiern is selections were made in this row.

Seed of four of the 13 Fs selections (3,5,9,13) were massed together and this F6 seed was designated 10-X590McMs(W)V(C)5(W)Ms#2 and plants in California in the summer of 1973. The row was noted for its highly ield and three F5 selections were made.

The Fyprogeny rows were plunted in Wisconsin in the summer of 1974. The third row, IC-X590MsMs(W)V(8)5(W)Ms#2(C)C, was outstanding: the plants were upright, the vield of pods heavy, and the pods were cult. Three Fy selections were made and the Fg bulk-mass seed from the row was designated 10-15.

The three Fg progeny sows were planted in the field in Wisconsin in the summer of 1975. The second row, 10-158, was noted as having very good concentration of maturity and a very heavy yield; the Fe seed was bulk-massed from this row.

Exhibit A: Origin and Breeding History of the Variety (cont'd)

From 1976 to 1978 the possible new variety <u>1D-15B</u> went through intensive trials in Wisconsin, New York, and Oregon, and two generations of seed increase were carried out under the direction of the Research Division of Ferry-Morse Seed Company. <u>1D-15B</u> continued to show Blue Lake quality in the canned product (uniform bright dark green color, freedom from carpel separation in the steam table evaluation, freedom from epidernal sloughing, firm texture). In the field 1D-15B combined a medium-early concentrated maturity, heavy yield, medium tall upright plant with a consistent yield of smooth, round, full pods. The characteristics of the variety maintained themselves in a stable condition through the 2 generations of seed increase and no off-types (pod or otherwise) were noted in approximately 60,000 plants grown.

In the spring of 1978 Ferry-Morse Seed Company made the decision to go ahead with $\frac{1D-15B}{2}$ as a new variety and re-designated the line $\frac{E6207}{2}$. After 2 additional generations of seed increase the line continued to maintain stability of its characteristics; in the F13 generation of increase in 1980 no off-types were observed among 200 plants.

E6207 was named Tenderlake in the early summer of 1980.

Exhibit A: Origin and Breeding Mistory of the Variety (cont'd)

From 1976 to 1978 the possible new variety 10-158 went through intensive trials in Misconsin, New York, and Oregon, and two generations of seed increase were carried out under the freeticm of the Research Division of Ferry-Morse Seed Company, 10-153 continued to show Blue Lake quality in the cannel product (uniform bright dark green color, freedom from carpel separation in the steam table evaluation, freedom from epidermal sloughing, firm texture). In the field 10-158 combined a medium-early concentrated motority, heavy yield, medium tall upright plant with a consistent yield of smooth, round, full pods. The characteristics of the variety maintained themselves in a stable condition through the 2 generations of seed increase and no off-types (pod or otherwise) were noted in approximately 60,000 plants grown.

In the spring of 1978 Ferry-Morse Seed Company made the ecision to to shead with 19-158 as a new variety and re-lesignated the line 16207. After 2 additional generations of seed increase the line continued to maintain stability of its characteristics; in the Figure generation of increase in 1960 no off-types were observed among 200 plants.

C6201 was named Tenderlake in the early summer of 1980.

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties:

 (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)

JAN 1 6 1981

See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

UNITED STATES DEPARTME	KETING SERVICE		1	FORM APPROVED
APPLICATION FOR PLANT VARIE	AIN & SEED DIVISION		be issued unless a d	OMB NO. 40-R3822 lant variety protection may completed application form
1a. TEMPORARY DESIGNATION OF	1b. VARIETY NAM	F	has been received (5	
E6207	91	_	PV NUMBER	100044
2. KIND NAME	TENDERLAKE 3. GENUS AND SPE	CIES NAME	FILING DATE	100041
Coop Book	2 7 0		1/16/81	1:00 A.M.
Snap Bean 4. FAMILY NAME (BOTANICAL)	Phaseolus vu		FEE RECEIVED	DATE
NAME (BOTANICAL)	5. DATE OF DETER	RMINATION	\$ 500.00	1/16/81
Leguminosae	Spring, 19	78	\$ 250.00	12/3/82
6. NAME OF APPLICANT(S) FERRY-MORSE SEED COMPANY Dr.George C. Emery Breeder	Code) 111 Fe	tand No. or R.F.D. No. erry-Morse Way r 7274 ain View, CA	, City, State, and ZIP 94042	8. TELEPHONE AREA CODE AND NUMBER (415) 967-6973
9. IF THE NAMED APPLICANT IS NOT A PORGANIZATION: (Corporation, partners)	ERSON, FORM OF		TED, GIVE STATE AND	11. DATE OF INCOR-
Corporation	,, 616.)	Calif		PORATION 7 April 1969
NAME AND MAILING ADDRESS OF APP ALL PAPERS: MR. DAVID J. THOMPSON FERRY-MORS: PH (408)637-7461	Brondyke, Exec E SEED COMPANY	ATIVE(S), IF ANY, TO utive Vice Pre P-0-Box 1010		CATION AND RECEIVE 2 OF RESEARCH ROAP
3. CHECK BOX BELOW FOR EACH ATTAC			BAUTISTA, CA S	
X 13A. Exhibit A, Origin and Bre				
The state of the s		variety (see section	32 of the Plant Varie	ty Protection Act.)
X 13B. Exhibit B, Novelty States	nent.			
X 13C. Exhibit C, Objective Desc	ription of the Variets	(Request form from	Dlant Varioty Drotos	otion Office)
			i Funi Variety Protec	tion Office.)
X 13D. Exhibit D, Additional Des	scription of the Varie	ty.		
4a. DOES THE APPLICANT(S) SPECIFY THA SEED? (See Section 83(a). (If "Yes," ansu	T SEED OF THIS VAR		RIETY NAME ONLY A	S A CLASS OF CERTIFIED
4b. DOES THE APPLICANT(S) SPECIFY THA LIMITED AS TO NUMBER OF GENERAT	AT THIS VARIETY BE	14c. IF "YES," TO 14		RATIONS OF PRODUC-
YES NO		FOUNDATION	REGISTERED	CERTIFIED
5a. DID THE APPLICANT(S) FILE FOR PRO- name of countries and dates.)	TECTION OF THIS VAI	RIETY IN OTHER COL	UNTRIES? YES	X NO (If "Yes," give
5b. HAVE RIGHTS BEEN GRANTED THIS V and dates.)	ARIETY IN OTHER CO	OUNTRIES? YES	X NO (If "Yes,	"give name of countries
		a de la companya del companya de la companya del companya de la co		
DOES THE APPLICANT(S) AGREE TO THE JOURNAL?	E PUBLICATION OF H	HIS/HER (THEIR) NAM	ME(S) AND ADDRESS II	N THE OFFICIAL
7. The applicant(s) declare(s) that a viab replenished upon request in accordance	le sample of basic see ce with such regulatio	d of this variety will ns as may be applical	be furnished with the ble.	application and will be
The undersigned applicant(s) is (are) t variety is distinct, uniform, and stable 42 of the Plant Variety Act.	he owner(s) of this se as required in Section	exually reproduced no n 41, and is entitled t	ovel plant variety, and to protection under th	believe(s) that the ne provisions of Section
Applicant(s) is (are) informed that fals	se representation here	in can jeopardize pro	tection and result in	penalties.
December 18, 1980	a topic	FERRY	MORSE SEED COM	PANY
(DATE)		D. V.	(SIGNATURE OF APPL Brondyke, Exec	ICANT) ULIVE V.P.
			0	
(DATE) ORM GR-470 (1-78)		100	SIGNATURE OF APPL	ICANT)

VARIETY: Tenderlake (formerly E6207 (formerly 1D-15B(C)Ms(W)Ms(C)Ms (formerly 1C-X590MsMs(W)V(C)5(W)Ms#2(C)C))

Exhibit D: Data Indicative of Novelty

Tenderlake is a distinct variety and represents a unique combination of earliness, Blue Lake quality, and strong bush habit. The variety with which it relates the closest in character is Blue Crop. Two characteristics by which Tenderlake can be distinguished from Blue Crop is in having a shorter pod length and shorter seed length.

A. Measurements were taken from a greenhouse planting held at temperature regime of 85° Fahrenheit day/70° night at Columbus, Wisconsin. Seed was planted March 18, 1980.

	Tenderlake	Blue Crop	<u>d</u>	s d	t	<u>p</u>
1. Pod length (cm) (100 paired comparison	14.1 s)	15.2	1.23	.194	6.34	<.001
2. Seed length (mm) (100 paired comparison	11.7 s)	12.5	0.63	.158	3.99	<.001

B. Measurements were taken from paired rows in the field at Columbus, Wisconsin. Seed was planted June 18, 1980.

	Tenderlake	Blue Crop	d	s d	t	<u>p</u>
1. Pod length (cm) (100 paired comparison	15.6 ns)	16.5	0.94	.188	5.00	<.001
2. Seed length (mm) (50 paired comparisons	11.6	12.5	0.90	.162	5.56	<.001

C. Measurements were taken from paired rows in the field at Columbus, Wisconsin. Seed was planted May 19, 1981.

	Tenderlake	Blue Crop	<u>d</u>	s d	<u>t</u>	p
1. Pod length (cm) (100 paired comparison		15.1	0.95	.137	6.95	<.001
2. Seed length (mm) (98 paired comparisons	12.2	13.1	1.15	.159	7.23	<.001

D. Measurements were taken from paired rows in the field at Columbus, Wisconsin. Seed was planted June 4, 1981.

rlake Blue C	<u> </u>	- d	-	P
2.9 13.7	0.84	.128	6.56	<.001
				d _

earliness, Blue Lal. quality, and strong bush height. The veriety with which it relates the closest in character is Plue Grop. Two characteristics is which Tenderlake can be distinguished from Blue Grop is in having a shor ex obd length and shorter see length.

A. Massurements were taken from a greenhouse planting held at temperature regime of 85° : strenheiz do //70° might at Columbus, Misconsin. Squd wat planted March La, 1980.

1	2	5		pal cores	a Blairtha			
IOC.	6.34	tel.	1.23	19.2	1.11	(cm)	length paired	
100.,	66.5	150	Ea.0	12.5	11.7	(am) comparisons)	d length paired	7. Jee 1. Jee (1.00

B. deasurements were taken from paired rows in the fill at Columbus, Wisconsin. Secd was planted June 18, 1980.

4	* #	5 B	b.	Flue Crop	nderlake	
100.	96.3	esr.	0.94	16.6	a.ar	L. cod Acaron (cm) (100 paixed comparisons)
100.	8.56	162	00.0	12.5	11.6	2. Seed dength (nm) (50 paluge conterisons)

O. Measurement, were taken from paired row in the field of Columbus, Wisconsik. Soud was planted May 19, 1981. The

	44	5 8	Plue Orop d	Tonderlake	
Too.	6,95	.437	15.1 0.095	(cm) (cm)	d. Pod Length
100.	82.7	ear.	1.13	(12.2)	

D. Mansuraments were ta in from paired r at deluming, Visconsin. Seed was planted June 1, 1981.

Tender alc		
		0
and and a second		

(mm) direct best . L.

REC	El	VED
JAN		1982



E. Measurements were taken from paired rows in the field at San Juan Bautista, California. Seed was planted June 10, 1981.

Tel	nderlake	Blue Crop	d	s d	<u>t</u>	<u>p</u>
1. Pod length (cm) (100 paired comparisons)	14.9	15.3	0.40	.189	2.107	.05025
<pre>2. Seed length (mm) (100 paired comparisons)</pre>	12.7	13.5	0.75	.117	6.41	<.001

3. ressurcments were taken from paired rows in the field at Ean Juan Rautista, Julifornia. Seed was planted June 10, 1981.

		-	44		Elue Crop	Tenlerlake	
.025	- 20.>	2.107	. egt.	0.40	15.3	od length (c.) 14.9	
	100.>	6.41	111.	10.75	13.5	eed length (mm) 11.7	



VARIETY: Tenderlake (formerly E6207 (formerly 1D-15B(C) Ms(W) Ms(C) Ms D per letter of 2/10/81 CKB (formerly $\overline{1C-X5}90$ MsMs(W) $V(\overline{C})5(\overline{W})$ Ms#2(C)C)))

Exhibit B: Botanical Description of the Variety

Seed germination and emergence occur at a medium rate with a medium seedling vigor. Time of flowering is midseason (similar to Tidal Wave). The pods reach edible maturity in early midseason (± 4 days before Early Gallatin, + 1 day later than Mt. Hood). Seed development in the pods is slow.

Plants are medium upright, medium in height, somewhat spreading. Foliage color is dark green (similar to Tidal Wave). Leaves are deltoid ovate (14 cm long x 11 cm wide for the center leaflet of the second trifoliate above the unifoliate leaf), acuminate, with round or truncated bases. Leaves are medium large, similar to Tidal Wave, and medium in number. Stems and leaves are smooth to slightly pubescent. Inflorescences arise from the apex and leaf axils and contain 4 to 8 white flower buds. Stems of plants are medium in thickness. Pods are borne under the foliage, but off the ground.

Pods vary from 10 to 17 cm in length, but average + 15 cm. Pods are slightly creaseback, 10 mm from suture to suture and 11 mm from sidewall to sidewall. Pods reach a medium diameter (12 mm x 12 mm) just before becoming over-mature. Pods are generally straight to very slight curve. Pod surface is smooth to slightly pubescent. Pod spur is medium in length (14 mm). Pod color is a medium dark green. Pod flesh is very firm. Pod seed cavity is small. Pods are generally free of interlocular cavitation.

Seeds are white, round in cross-section, oblong, slightly reniform: compared to Tidal Wave the seed is similar in size and more reniform. Exhibit 8: Botanical Description of the Variety

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Plant Variety Protection Application
No:
ASSIGNMENT
I,, agree and hereby do
transfer and assign to FERRY-MORSE SEED COMPANY all of my rights, title
and interest in and to that certain variety namely,
SNAP BEAN - TENDERLAKE
DIAN TENDERLARE
for which application for Plant Variety Protection Certificate has been
filed. This agreement shall be binding on my administrators, successor
and assigns.
In Witness Whereof, I have executed this agreement this
9 day of December, 1980.
BREEDER
George C. Emery
DR. GEORGE C. EMERY

EXHIBIT "E"

	SECTION AND ADDRESS OF THE PROPERTY OF THE PRO
	Plant Variet Trotection Aralic
	No:
	ASSIGNMENT
	I, DR. GEORGE C. EMERY tec nd hereby
elela,	transfer and assi a to PERRY-MORSE SEED COMPANY all of my rights,
	and interest in and to that certain variety namely,
	SNAP BEAN - TENDERLAKE
	for which applies on for Plant Variety Protection Certificate has filed. This agreement shall be binding on my administrators, succand assigns.
	In Witness Whereof, I have executed this a reement this
	. Pet
	BREEDER

JAN 6 1 1981 OF JAN 1 6 1981 OF ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, HARRIS MORAN SEED COMPANY, a corporation duly organized and

existing under the laws of the State of Maryland, having its principal place of business at 4511

Willow Road, Suite 3, Pleasanton, California 94588 ("Assignor"), has, pursuant to that certain

Bill of Sale and Assignment dated as of June 30, 1997, transferred to FERRY-MORSE SEED

COMPANY (CALIFORNIA), a corporation duly organized and existing under the laws of the

State of California, having its principal place of business at 555 Codoni Avenue, P.O. Box 4938,

Modesto, California 95352-4938 ("Assignee"), all of the intellectual property Assignor had

adopted, used and was using as of the effective date of this Assignment, including without

limitation, the intellectual property represented by the United States Plant Variety Protection

Certificates of Assignor identified on Schedule A hereto (collectively, the "Property"); and

WHEREAS, on the date hereof, Assignee has changed its name to "Harris Moran Seed

Company";

NOW, THEREFORE, effective by this instrument as of the close of business on

June 30, 1997, and for good and valuable consideration, receipt of which is hereby

acknowledged, Assignor hereby assigns to Assignee any and all right, title and interest

worldwide in and to the Property and any and all recordations thereof, including, but not limited

to, the use of the Property in any manner, all benefit of any and all prior use of the Property, and

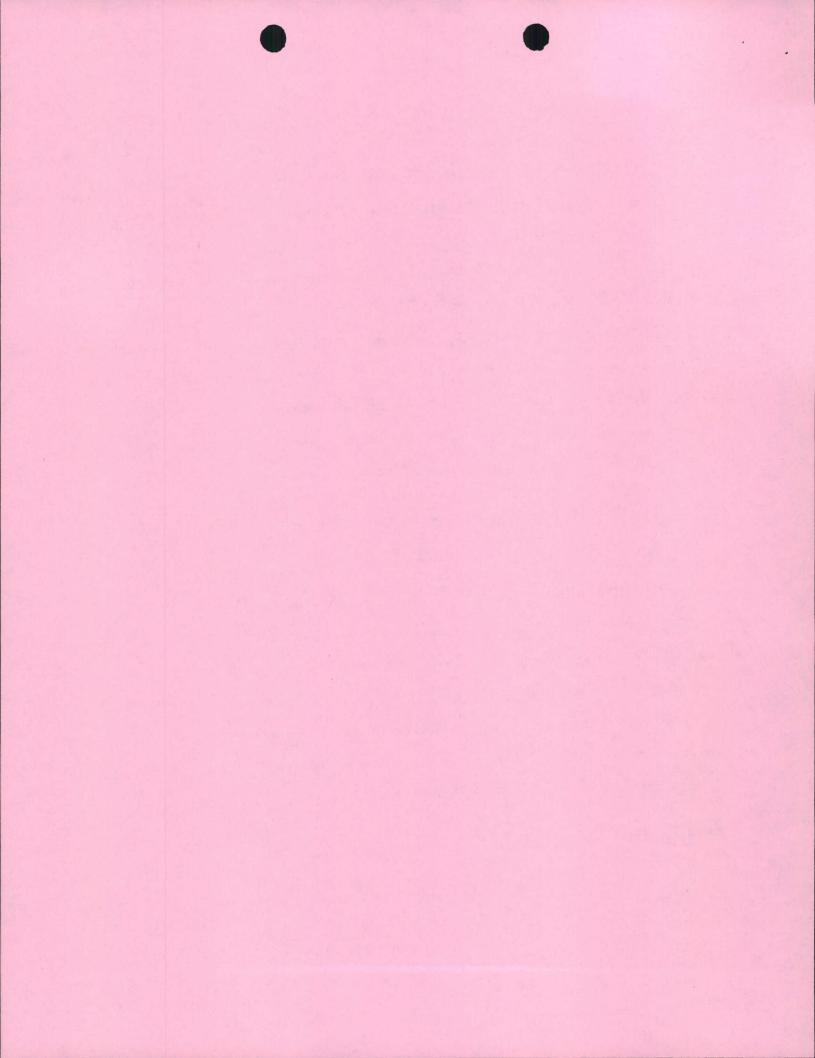
any and all rights to initiate claims or proceedings for past, present or future infringements of

Assignor's rights, title and interest in and to the Property.

Dated: as of June 30, 1997

HARRIS MORAN SEED COMPANY

NEWY01A:171511:1:09/26/97 26757-1



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CERTIFICATE OF AMENDMENT

OF THE

ARTICLES OF INCORPORATION

OF

FERRY-MORSE SEED COMPANY (CALIFORNIA) (a California corporation)

ENDORSED FILED

In the office of the Secretary of State of the State of California

JUN 3 0 1997

To the Secretary of State State of California

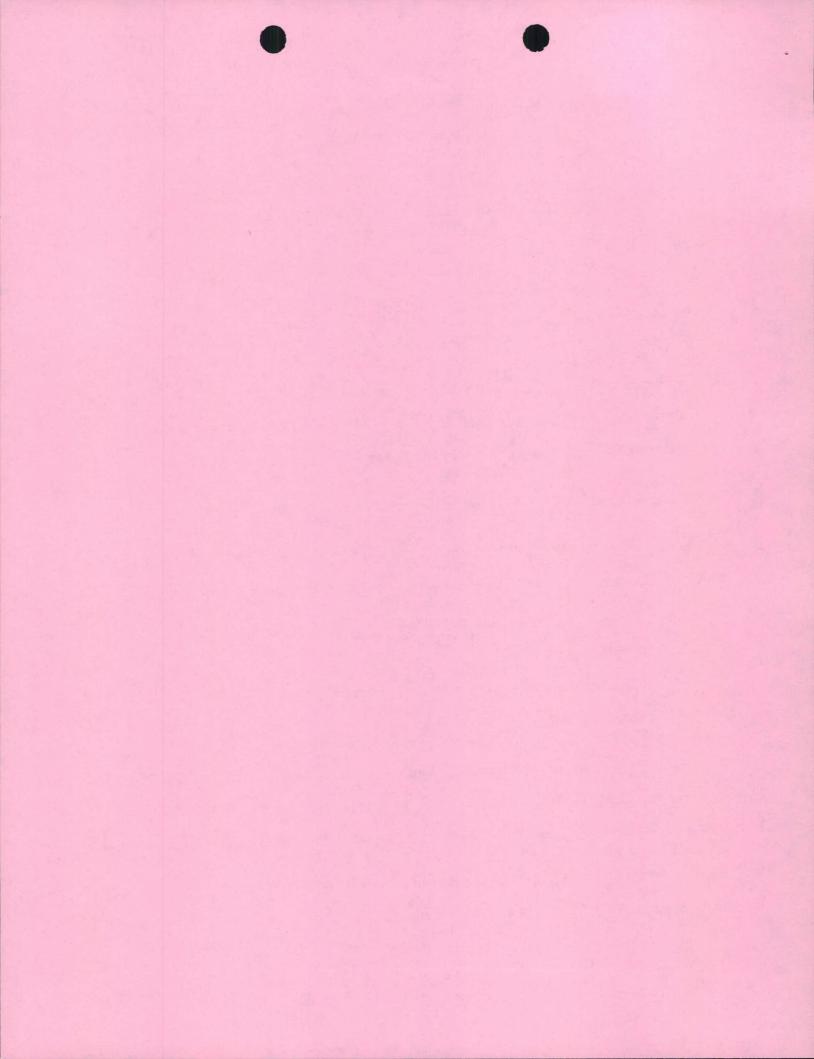
Pursuant to the provisions of the General Corporation Law of the State of California, the undersigned officers of FERRY-MORSE SEED COMPANY (CALIFORNIA), a California corporation (the "Corporation"), do hereby certify as follows:

- The name of the Corporation is Ferry-Morse Seed Company (California). 1.
- 2. Article One of the Corporation's Articles of Incorporation, which relates to the name of the Corporation, is hereby amended in its entirety to read as follows:

One. The name of this Corporation is: HARRIS MORAN SEED COMPANY.

- 3. The amendment herein provided for has been approved by the Corporation's Board of Directors.
- The amendment herein provided for was approved by the written consent of the Corporation's sole shareholder in accordance with the provisions of Section 902 of the California General Corporation Law. The total number of outstanding shares of the corporation is 5,000.

IN WITNESS WHEREOF, each of the undersigned does hereby declare under the penalty of perjury that he or she signed the foregoing Certificate of Amendment as of June 30,



1997, in the Town of Modesto, State of California, in the official capacity set forth beneath his or her signature and that the statements set forth in this certificate are true of his or her own knowledge.

Yves Queste, President

Helen Andritsakis, Secretary





SECRETARY OF STATE



I, *BILL JONES*, Secretary of State of the State of California, hereby certify:

That the attached transcript has been compared with the record on file in this office, of which it purports to be a copy, and that it is full, true and correct.

> IN WITNESS WHEREOF, I execute this certificate and affix the Great Seal of the State of California this

> > JUN 3 0 1997



Bill mes

Secretary of State



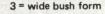
3. PLANT: (Cont'd)

- Pod position: 1 = low 2 = high 3 = scattered
- Bush form (illustrated below):











4 = high bush form

MI BOOD

4. LEAVES:

1 = smooth 2 = wrinkled

5 = other (specify)

1 = dull 2 = glossy

Size: 1 = small (Earliwax) 2 = medium 3 = large (Tendercrop)

Color: 1 = light green (as light or lighter than Bountiful) 2 = medium green 3 = dark green (as dark or darker than Bush Blue Lake 290)

5. FLOWERS:

Color: 1 = white 2 = cream 3 = pink 4 = lilac 5 = purple 6 = Other (specify)_

Days to 50% bloom

FRESH PODS: (Edible maturity, average for 20 pods)

Exterior color: 1 = light green (as light or lighter than Bountiful)

2 = medium green

3 = dark green (as dark or darker than Bush Blue Lake 290)

4 = light yellow (Brittlewax) 5 = golden yellow (Cherokee Wax) 6 = green-red variagated (Horticultural)

7 = other (specify)

% Sieve size distribution at optimum maturity for non-flat pods

Note:

5 sieve

1 = 4.76 mm to 5.76 mm 2 = 5.76 mm to 7.34 mm 4 = 8.34 mm to 9.53 mm

5 = 9.53 mm to 10.72 mm 3 = 7.34 mm to 8.34 mm 6 = 10.72 mm or larger

1	2	3	4	5	6
Gy ast	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13	17	40	30

	2	3	4	0	0	_
m Grands	THE KA	13	17	40	30	
	A STATE OF THE STATE OF			and the state of		

cm length mm width 3 sieve

mm thickness

cm length mm width 4 sieve

mm thickness

6 sieve

6

0 mm width mm thickness

cm length

cm length

mm width

mm thickness

EXHIBIT C

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, POULTRY, GRAIN & SEED DIVISION BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY

BEAN (Phaseolus vulgaris L.) NAME OF APPLICANT(S) FOR OFFICIAL USE ONLY FERRY-MORSE SEED COMPANY PVPO NUMBER ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) 111 Ferry-Morse Way VARIETY NAME OR TEMPORARY DESIGNATION Drawer 7274 Mountain View, CA 94042 TENDERLAKE Place numbers in the boxes (e.g. 0 8 9) for the characters that best describe this variety. Measured data should be for SPACED PLANTS. Ranges may also be given. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _ .. The location of test area is _ Columbus . Wisconsin . Please answer questions appropriate for your variety if the information is available. 1. TYPE: 1 = Field (dry-edible) 2 = Garden MARKET MATURITY: Days to edible pods Days to green shells Days to dry seeds Heat units to edible pods Heat units to green shells Heat units to dry seeds No. days earlier than 1 = Tendercrop 2 = Kentucky Wonder 3 = Kinghorn Wax 4 = White Kidney 5 = Michelite 62 6 = Dwarf Horticultural Same as . 7 = Bush Blue Lake 290 8 = Other (specify below) MT. HOOD No. days later than PLANT: 1 = Determinate 2 = Indeterminate cm height cm shorter than . . 3 comparison variety from above Same as cm taller than cm spread Number primary branches near base cm narrower than Branching habit: 1 = compact comparison 2 = open variety width same as ... from above cm wider than Main stalk: 1 = brittle 2 = wirev 1 = stout 2 = thin

2 = resistant)

Drought

Air pollution

13. COMMENTS:

Heat

12. PHYSIOLOGICAL RESISTANCE: (0 = not tested 1 = susceptible

Cold

0

FRESH PODS: (Cont'd)

	Company of the Compan				
1 2 1	Cross section pod shape:				
1 2	Cross sastion and shows	1 - flat	2 - 01/01	2 - round	A = hoort
	Cross section bod snape.	I - Hat	z - Ovai	3 - Tourid	4 - Heart

- (2) Mild Blue Lake (BBL 274) (3) Strong Blue Lake (Pole FM1)
- (4) Mild Romano (Roma)
- (5) Strony Romano (Pole Romano) (6) Other (specify)

7. SEED COAT COLOR:

- 1 = Monochrome 2 = Polychrome 1
- 1 = shiny 2 dull

- 1 Primary color:
- 3 = buff 4 = tan 1 = white 2 = yellow
- Secondary color:
- 7 = red 8 = purple 6 = pink 5 = brown
- 10 = black 11 = other (specify) 9 = blue
- Color Pattern: 1 = none 2 = splashed 3 = mottled 4 = striped 5 = flecked 6 = dotted
- Secondary color location: 1 = hilar ring

- 2 = ventral surface 4 = dorsal surface
- 5 = not restricted to any area
- 6 = combination of location (specify below)
- Hilar ring on colored seeds: 1 = absent 2 = narrow 3 = butterfly shaped

8. SEED SHAPE AND SIZE:

- Hilum view: 1 = elliptical 2 = oval 3 = round
- Cross section: 1 = elliptical 2 = oval 3 = cordate 4 = round

3 Side view:







1 = oval to oblong

2 = round

3 = reniform